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K. P. W. W.
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Edwards
Serial No.: 09/353,887
Filed: July 15, 1999
Title: GRAPHICS PROCESSOR WITH TEXTURE MEMORY ALLOCATION SYSTEM

Examiner: D. Chung
Group Art Unit: 2672
Docket: T00LP018U1

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AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

AUG 05 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

Technology Center 2600

Applicant submits this Amendment and Response in response to the Office
Action mailed on July 5, 2002.

AMENDMENT

In the Claims

Please cancel claim 3 without prejudice, and amend claims 1, 4, 9, and 15 as follows and a replacement version of these claims is attached to the end of this Amendment and Response.

1. (Twice amended) A graphics accelerator for processing a graphical image, the graphics accelerator comprising:

a texture buffer for storing texture maps and data relating to the texture maps stored in the texture buffer; and

a texture processor that performs texturing operations on the graphical image, the texture processor including a fetching engine that retrieves texture packets, each texture packet being stored in the texture buffer and being associated with a texture map that is different than the texture maps associated with any other texture packet in the texture buffer, each texture packet including data relating to the location of its associated texture map in the texture buffer and data relating to the dimensional type of that texture packet's associated texture map.